

Donny  
Cell  
973-303-5183

10/20/2008 14:29 9732428064

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## PRETREATMENT MONITORING REPORT

OCT 20 2008

NAME: PSEG SERVICES CORPORATION

MAILING ADDRESS: 80 PARK PLACE, MAILCODE: T17 NEWARK, NJ 07102

FACILITY LOCATION: 2000 FRANK E. RODGE BLVD. HARRISON, NJ 07029

CATEGORY &amp; SUBPART: UNKNOWN

OUTLET #: 1

CONTACT OFFICIAL: RAYMOND A. TRIPODI

TELEPHONE: 973-430-8832

NEW CUSTOMER ID: OUTLET ID: 13630001 - 1 OLD OUTLET DESIGNATION:

## MONITORING PERIOD

Start			End		
09	02	08	09	30	08
MO	DAY	YR	MO	DAY	YR

Average Maximum  
 Regulated Flow-gal/day 8,650 46,100  
 Total Flow-gal/day

Method Used: Non-resettable flow meter

Production Rate (if applicable):

PARAMETER		MASS OR CONCENTRATION			# OF SAMPLES	SAMPLE TYPE
		MON AVG	MAXIMUM	UNITS		
BIOCHEMICAL OX	Sample Measurement	<5			1	COMP
	Permit Requirement	0		MG/L		
CASHIUM	Sample Measurement	<0.0004			1	COMP
	Permit Requirement	0.19		MG/L		
COPPER	Sample Measurement	<0.0037			1	COMP
	Permit Requirement	3.62		MG/L		
LEAD	Sample Measurement	<0.0027			1	COMP
	Permit Requirement	0.54		MG/L		
MERCURY	Sample Measurement	<0.0001			1	COMP
	Permit Requirement	0.0001		MG/L		
NICKEL	Sample Measurement	0.0185			1	COMP
	Permit Requirement	5.6		MG/L		
ZINC	Sample Measurement	0.0395			1	COMP
	Permit Requirement	1.67		MG/L		
PETROLEUM HYDR	Sample Measurement	<0.54			1	GRAB
	Permit Requirement		100	MG/L		
VOC FOR 113.4	Sample Measurement	0.0006			1	GRAB
	Permit Requirement		2	MG/L		
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
	Permit Requirement					

PVSC FORM MR-1 REV: 4/6/87 P.1

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**PRETREATMENT MONITORING REPORT**

OCT 20 2008


Certification of Non-Use if applicable (use additional sheets):

Compliance or non compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used: All parameters are in compliance with the discharger limits listed in the Temporary Sewer Use Permit

Explain Method for preserving samples: After filling, sample containers were sealed, labeled and immediately placed in a cooler packed with ice. The samples were kept on ice and shipped to the laboratory on the day of sample collection. Samples were preserved as follows: VOCs with hydrochloric acid (HCl); metals with nitric acid (HNO<sub>3</sub>); BOD and TPH (as oil and grease) preserved with ice

I certify under penalty of law that this document and attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

  
\_\_\_\_\_  
Signature of Principal  
Executive or Authorized Agent

Katrina Van Deusen

as agent for PSEG Services Corporation – Onsite Representative

Type Name and Title

10/15/08

Date

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Monthly Flow Meter Readings for PSEG SC Former Harrison Gas Plant, Future Substation Area RA  
PVSC Permit # 13630001

Date	Prior Meter Reading, gal	Difference (Total Mo. Discharge Volume), gal	No. of Days/Mo Discharge Occurred	Difference (Avg Daily Discharge Volume), gal	Comments
8/11/08	15,597,400				
9/2/08	15,814,000	216,600	22	9,845	
9/30/08	15,987,000	173,000	20	8,650	

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TestAmerica

## SUMMARY OF ANALYTICAL RESULTS: Z253

The Action Levels listed reflect current TestAmerica Edison knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID	NJ Higher of PQLs and GW Quality 2000 Criteria	NJ Higher of PQLs and GW Quality 2005 Criteria	001_Grab
Lab Sample No.			949889
Sampling Date			09/09/2008 00:00
Matrix			WATER
Dilution Factor			1
Units	ug/l	ug/l	ug/l
<b>VOLATILE COMPOUNDS (GC/MS)</b>			
Chloromethane	30	NA	0.4 U
Bromomethane	10	10	0.4 U
Vinyl Chloride	5	1	0.2 U
Chloroethane	100	NA	0.4 U
Methylene Chloride	3	3	0.4 U
Trichlorofluoromethane	2000	2000	0.4 U
1,1-Dichloroethene	2	1	0.5 U
1,1-Dichloroethane	50	50	0.3 U
trans-1,2-Dichloroethene	100	100	0.4 U
cis-1,2-Dichloroethene	70	70	0.3 U
Chloroform	6	70	0.3
1,2-Dichloroethane	2	2	0.3 U
1,1,1-Trichloroethane	30	30	0.4 U
Carbon Tetrachloride	2	1	0.3 U
Bromodichloromethane	1	1	0.2 U
1,2-Dichloropropane	1	1	0.5 U
cis-1,3-Dichloropropene	NA	1	0.1 U
Trichloroethene	1	1	0.4 U
Dibromochloromethane	10	1	0.3 U
1,1,2-Trichloroethane	3	3	0.2 U
Benzene	1	1	0.3
trans-1,3-Dichloropropene	NA	NA	0.2 U

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TestAmerica

## SUMMARY OF ANALYTICAL RESULTS: Z253

The Action Levels listed reflect current TestAmerica Edison knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID	NJ Higher of PQLs and GW Quality 2000 Criteria	NJ Higher of PQLs and GW Quality 2005 Criteria	001_Grab 949089 09/09/2008 00:00 WATER
Lab Sample No.			
Sampling Date			
Matrix			
Dilution Factor			1
Units	ug/l	ug/l	ug/l
<b>VOLATILE COMPOUNDS (GC/MS)</b>			
2-Chloroethyl Vinyl Ether	100	NA	0.2 U
Bromoform	4	4	0.2 U
Tetrachloroethene	1	1	0.4 U
1,1,2,2-Tetrachloroethane	1	1	0.4 U
Toluene	1000	1000	0.3 U
Chlorobenzene	50	50	0.2 U
Ethylbenzene	700	700	0.4 U
Xylene (Total)	1000	1000	0.4 U
Total Confident Conc.			0.8
Total Estimated Conc. (TICs)			0

NR - Not analyzed.

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.  
The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the sample.

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TestAmerica

## SUMMARY OF ANALYTICAL RESULTS: Z253

The Action Levels listed reflect current TestAmerica Edison knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID	NJ Higher of	NJ Higher of	001 Comp
Lab Sample No.	PQLs and	PQLs and	949688
Sampling Date	GW Quality	GW Quality	09/09/2008 00:00
Matrix	2000 Criteria	2005 Criteria	WATER
Dilution Factor			
Units	ug/l	ug/l	ug/l
METALS			
Cadmium	4	4	0.4 U
Copper	1000	1300	3.7 U
Lead	10	5	2.7 U
Mercury	2	2	0.1 U
Nickel	100	100	18.5 B
Zinc	5000	2000	39.5

NR - Not analyzed.

U - The compound was not detected at the indicated concentration.

B - Reported value is less than the Reporting Limit but greater than the Instrument Detection Limit.

N - The spiked sample recovery is not within control limits.

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TestAmerica

## SUMMARY OF ANALYTICAL RESULTS: Z253

The Action Levels listed reflect current TestAmerica Edison knowledge of the standards and are intended as general guidance for the user. Please consult appropriate regulations and cleanup standards for your specific application.

Sample ID	NJ Higher of	NJ Higher of	001 Comp
Lab Sample No.	PQLs and	PQLs and	949688
Sampling Date	GW Quality	GW Quality	09/09/2008 00:00
Matrix	2000 Criteria	2005 Criteria	WATER
Dilution Factor			
Units			
WET CHEMISTRY			
BOD (mg/l)	NA	NA	5 U

NR - Not analyzed.

U - The compound was not detected at the indicated concentration.

0 - Non-Ignitable.

1 - Ignitable.

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**TestAmerica**  
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

## ANALYTICAL REPORT

PROJECT NO. Z253

TestAmerica Edison

Lot #: C8I110152

Alison Sedlak

TestAmerica Edison

TESTAMERICA LABORATORIES, INC.



Christina M. Kovitch  
Project Manager

September 19, 2008



## NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
US Dept of Agriculture	NA (#P330-07-00101)	NAVY	X
Arkansas	(#03-022-1)	Foreign Soil Import Permit	X
		WW	X
		HW	X
California - NELAC	04224CA	WW	X
		HW	X
Connecticut	(#PH-0688)	WW	X
		HW	X
Florida - NELAC	(#E87680)	WW	X
		HW	X
Illinois - NELAC	(#200005)	WW	X
		HW	X
Kansas - NELAC	(#E-10350)	WW	X
		HW	X
Louisiana - NELAC	(#83200)	WW	X
		HW	X
New Hampshire - NELAC	(#203002)	WW	X
		-	-
New Jersey - NELAC	(PA-005)	WW	X
		HW	X
New York - NELAC	(#11182)	WW	X
		HW	X
North Carolina	(#434)	WW	X
		HW	X
Pennsylvania - NELAC	(#02-00416)	WW	X
		HW	X
South Carolina	(#89014001)	WW	X
		HW	X
Utah - NELAC	(STLP)	WW	X
		HW	X
West Virginia	(#142)	WW	X
		HW	X
Wisconsin	998027800	WW	X
		HW	X

The codes utilized for program types are described below:

HW Hazardous Waste certification  
 WW Non-potable Water and/or Wastewater certification  
 X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 12/28/07 C:\Documents and Settings\denubeism\My Documents\NELAC NARRATIVE Pittsburgh.doc

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**CASE NARRATIVE**  
**TestAmerica Edison**  
**Z253**  
**LOT # C8I110152**

**Sample Receiving:**

TestAmerica's Pittsburgh laboratory received one sample on September 11, 2008. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

**General Chemistry:**

There were no problems associated with the analysis.

C8I110152

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**METHODS SUMMARY****C8I110152**

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
N-Hexane Ext. Material, Silica Gel Treated-1664A	CFR136A 1664A S	EPA 1664A

**References:**

CFR136A "Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

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**SAMPLE SUMMARY****C8I110152**

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT</u>	<u>SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
KWMSW	001	001	GRAB	09/09/08	11:05

**NOTE(S) :**

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

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**Laboratory Chronicle - Status Summary****TestAmerica - Pittsburgh**CLIENT SAMPLE ID**001 GRAB**LAB SAMPLE ID

C8I110152-1

METHOD and PREPARATION	SAMPLE DATE	EXT DATE	PREP DATE	ACTUAL DAYS to PREP	ANALYSIS DATE	ACTUAL DAYS PREP to ANALYZED	TOTAL DAYS SAMPLED to ANALYZED
CFR136A 1684A S	9/9/2008		9/18/2008	9	9/18/2008	0	9

printed on: Friday, September 19, 2008 11:02 AM

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# CHAIN OF CUSTODY / ANALYSIS REQUEST

**TestAmerica Edison**

777 New Durham Road  
Edison, New Jersey 08817  
Phone (732) 649-3900 Fax (732) 549-3879

— 1 — 20 — 0822

[illegible]

## Special Instructions

Refined by	Company	Date / Time	Received by	Company	Water Metals Filtered (Yes/No)?
<i>[Signature]</i>	TestAmerica Edison	8/1/84 1300	1) <i>[Signature]</i>		
Refined by	Company	Date / Time	Received by	Company	
2) <i>[Signature]</i>	TestAmerica Edison		2) <i>[Signature]</i>	TA PIT	915 9/1/11

Phone: 412-963-7858

301 Alpha Drive  
Pittsburgh, PA 15238

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**Cooler Receipt Form**  
TestAmerica Pittsburgh

Client: TA EDISON Project: \_\_\_\_\_ Quote: 27671  
Cooler Rec'd & Opened for Temp. Check on: 9/11/8  
Coolers Opened and Unpacked on: 9/11/8 By: JS  
TestAmerica Pittsburgh Lot Number: \_\_\_\_\_ (Signature) C81110152

	Yes	No	NA
1. Were custody seals on the outside of the cooler? _____		<input checked="" type="checkbox"/>	
If YES, how many and where? Quantity _____ Location _____			
Were signatures and date correct? _____			
2. Were custody papers included inside the cooler? _____	<input checked="" type="checkbox"/>		
3. Were custody papers properly filled out (ink, signed, match labels)? _____	<input checked="" type="checkbox"/>		
4. Did you sign the custody papers in the appropriate place? _____	<input checked="" type="checkbox"/>		
5. Was shippers packing slip attached to this form? _____	<input checked="" type="checkbox"/>		
6. Were packing materials used? _____	<input checked="" type="checkbox"/>		
If YES, what type? <u>BUBBLE BAGS</u>			
7. Were the samples received within the acceptable temperature range? _____	<input checked="" type="checkbox"/>		
8. Were the samples appropriately preserved? _____	<input checked="" type="checkbox"/>		
9. Were all bottles sealed in separate plastic bags? _____	<input checked="" type="checkbox"/>		
10. Did all bottles arrive in good condition (unbroken)? _____	<input checked="" type="checkbox"/>		
11. Were all bottle labels complete (sample ID, preservatives, etc.)? _____	<input checked="" type="checkbox"/>		
12. Did all bottle labels and/or tags agree with custody papers? _____	<input checked="" type="checkbox"/>		
13. Were correct bottles used for tests indicated? _____	<input checked="" type="checkbox"/>		
14. Were all VOA vials checked for the presence of air bubbles? _____		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
15. Was a sufficient amount of sample sent in each bottle? _____		<input checked="" type="checkbox"/>	
16. Samples received by: FEDEX <u>UPS</u> CLIENT DROP-OFF OTHER DHL US CARGO			

Explain any discrepancies: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Level 2 Review \_\_\_\_\_  
Was contacted on \_\_\_\_\_ by \_\_\_\_\_ to resolve discrepancies.



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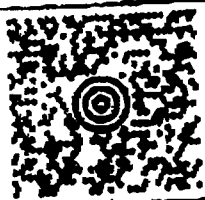
SAMPLE MANAGER  
(732) 549-3980  
TEST AMERICA-EDISON  
777 NEW DURHAM ROAD  
EDISON NJ 08817

20 LBS

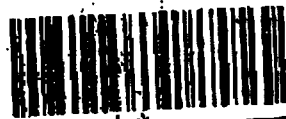
1 OF 1

## SHIP TO:

CHRIS KOVITCH  
(412) 963-7058  
TEST AMERICA PITTSBURGH  
RIDC PARK  
301 ALPHA DRIVE  
PITTSBURGH PA 15238-2907



PA 152 9-20



UPS NEXT DAY AIR

TRACKING #: 1Z 083 95E 01 4817 4452

1



BILLING: F/C BILL RECEIVER

US 2.0.48

LPS 2.0.48

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**DATA SUMMARY PACKAGE**

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**GENERAL CHEMISTRY DATA**

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**TestAmerica Edison**  
**TPH (SGT-HEM)**

Lab Name: TESTAMERICA PITTSBURGH

Method:

CFR136A 1664A SGT

Client Name: TestAmerica Edison

Lot Number:

C8110152

Matrix: WATER

**SPE + SILICA GEL**

Client Sample ID	Sample Number	Workorder	Result	Units	Min. Detection Limit	Reporting Limit	Dilution Factor	Prep Date - Analysis Date/Time	QC Batch
001 GRAB	C8110152 001	KWMBW1A	ND	mg/L	0.64	5.3	1.06	9/18/2008 - 9/18/2008 07:15	8281434

TESTAMERICA PITTSBURGH  
C8110152

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General Chemistry results by parameter  
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## TestAmerica Edison

## TPH (SGT-HEM)

Lab Name: TESTAMERICA PITTSBURGH

Method: CFR136A 1364A SGT H

Client Name: TestAmerica Edison

Report ID: C8I110152

Matrix: WATER

Date/Time Received: 9/11/2008 9:15:00AM

Client Sample ID	Sample Number	Workorder	Result	Units	Reporting Limit	Prep Date-Analysis Date/Time	QC Batch	RPD / Limit (%)
BLK - C8I170000434B	434 MB	KW3HE1AA	ND	mg/L	5.0	9/10/2008 - 9/10/2008 07:15	826143d	

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## TestAmerica Edison

## TPH (SGT-HEM)

Lab Name: TESTAMERICA PITTSBURGH

Method: CFR136A 1664A SGT I

Client Name: TestAmerica Edison

Lot Number: C8I170000

Matrix: WATER

Date/Time Received: 9/11/2008 9:15:00AM

Client Sample ID	QC Sample Type	Workorder	Recovery (%)	Control Limits (%)	Prep Date - Analysis Date/Time	QC Batch	RPD / Limit (%)
CHECK SAMPLE	LCS	KW3HE1AC	92	64 - 132	9/18/2008 - 9/18/2008 07:15	8261434	3.9 / 28
DUPLICATE CHECK	LCSD	KW3HE1AD	89	64 - 132	9/18/2008 - 9/18/2008 07:15	8261434	3.9 / 28

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C8I110152

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General Chemistry QC results by parameter  
(1-15)

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**FAX COVER SHEET**DATE: Oct. 20, 2008Number of pages including cover sheet: 26**To:**Mr. Andrew Castagnone  
PVSC

Phone:

Fax Phone:

CC:

**From:**Angelena EdwardsPSEG - Services CorporationEnvironmental Projects & Technical Services80 Park Plaza, T17 - FNewark, NJ 07102

Phone:

Fax Phone: (973) 242-8064**SUBJECT:**

REMARKS:	Urgent	For your review	Reply ASAP	Please Comment
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Services Corporation  
80 Park Plaza 11-1711, Newark, NJ 07102-4194  
tel: 973.430.7000



**Via Facsimile and Federal Express**

October 20, 2008

Mr. Andrew Caltagirone  
Manager of Industrial & Pollution Control  
Passaic Valley Sewerage Commissioners  
600 Wilson Avenue  
Newark, New Jersey 07105

Re: Pretreatment Monitoring Report (Form MR-1)  
User Charge Self Monitoring Report (Form MR-2)  
2000 Frank E. Rodgers Blvd, Harrison, New Jersey  
Outlet ID 13630001-1

Dear Mr. Caltagirone:

Please find enclosed completed MR-1 and MR-2 forms for the September 2008 monitoring period in accordance with the Temporary Sewer Use Permit dated June 1, 2008, for discharge of treated groundwater from the former Harrison Gas Works Future Substation Area remediation project to the PVSC Wastewater Treatment Plant in Newark.

If you have any questions regarding this submittal, please contact me at (973) 430-6413 or by e-mail at [Angelena.Edwards@pseg.com](mailto:Angelena.Edwards@pseg.com)

Very truly yours,

A handwritten signature in black ink, appearing to read "Angelena Edwards". The signature is fluid and cursive, with a large initial "A" and "E".

Angelena Edwards  
Project Manager – Site Remediation

Enclosures

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bcc: Angelena Edwards  
William Mikula

L&P File  
Site File  
MGP File